

## Search Results

BROWSE

SEARCH

IEEE XPLORE GUIDE

SUPPORT

Results for "(((infrared)-in-metadata) &lt;-and&gt; ((membrane)-in-metadata) )"

Your search matched 135 of 1828380 documents.

email printer friendly

A maximum of 100 results are displayed. 25 to a page, sorted by Relevance in Descending order.

New [Beta]  
Application  
Notes

GREAT SPEC

## Search Options

[View Session History](#)[New Search](#)

## Key

IEEE JNL	IEEE Journal or Magazine
IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

Modify Search

(((infrared)-in-metadata) &lt;-and&gt; ((membrane)-in-metadata) )

Search

☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

IEEE/ET

Books

Educational Courses

Application Notes [Beta]

IEEE/ET journals, transactions, letters, magazines, conference proceedings, and standards.

[view selected items](#) | [Select All](#) [Deselect All](#)

View: 1-25 | 26-50 | 51-75 | 76-100

- ☐ 26. Fabrication and characterization of infrared and sub-mm spiderweb bolometers with low- $T_c$  superconducting transition edge thermometers  
Kiewiet, F.B.; Bruijn, M.P.; Hoevers, H.F.C.; Bento, A.C.; Mels, W.A.; de Korte, P.A.J.;  
[Applied Superconductivity, IEEE Transactions on](#)  
Volume 9, *Issue 2*, Part 3, June 1999 Page(s) 3862 - 3865  
Digital Object Identifier 10.1109/77.783870  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(476 KB) IEEE JNL  
[Rights and Permissions](#)
- ☐ 27. Fabrication of three-dimensional photonic crystals for use in the spectral region from ultraviolet to near-infrared  
Younan Xia; Gates, B.; Sang Hyun Park;  
[Lightwave Technology, Journal of](#)  
Volume 17, *Issue 11*, Nov. 1999 Page(s) 415 - 417  
Digital Object Identifier 10.1109/19.769614  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(616 KB) IEEE JNL  
[Rights and Permissions](#)
- ☐ 28. AC-DC thermal converter with infrared-transmissive fiber coupling  
Katzmann, F.L.; Klonz, M.;  
[Instrumentation and Measurement, IEEE Transactions on](#)  
Volume 48, *Issue 2*, April 1999 Page(s) 415 - 417  
Digital Object Identifier 10.1109/19.769614  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(184 KB) IEEE JNL  
[Rights and Permissions](#)
- ☐ 29. MgO sacrificial layer for micromachining uncooled Y-Ba-Cu-O IR microbolometers on  $\text{Si}_3\text{N}_4$  bridges  
Gray, J.E.; Celik-Butler, Z.; Butler, D.P.;  
[Microelectromechanical Systems, Journal of](#)  
Volume 8, *Issue 2*, June 1999 Page(s) 192 - 199  
Digital Object Identifier 10.1109/84.767115  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(408 KB) IEEE JNL  
[Rights and Permissions](#)

- ☐ **30. In vivo infrared tomographic imaging of laser-heated blood vessels**  
Telenkov, S.A.; Tanenbaum, B.S.; Goodman, D.M.; Nelson, J.S.; Milner, T.E.;  
[Selected Topics in Quantum Electronics, IEEE Journal of](#)  
Volume 5, [Issue 4](#), July-Aug. 1999 Page(s):1193 - 1199  
Digital Object Identifier 10.1109/2944.796346  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(524 KB) [IEEE JNL](#)  
[Rights and Permissions](#)
- 
- ☐ **31. Low-cost satellite attitude control sensors based on integrated infrared detector arrays**  
van Herwaarden, A.W.;  
[Instrumentation and Measurement, IEEE Transactions on](#)  
Volume 50, [Issue 6](#), Dec. 2001 Page(s):1524 - 1529  
Digital Object Identifier 10.1109/19.982939  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(324 KB) [IEEE JNL](#)  
[Rights and Permissions](#)
- 
- ☐ **32. High-frequency thin-film multijunction thermal converter on a quartz crystal chip**  
Scarioni, L.; Klonz, M.; Janik, D.; Laiz, H.; Kampik, M.;  
[Instrumentation and Measurement, IEEE Transactions on](#)  
Volume 52, [Issue 2](#), April 2003 Page(s):345 - 349  
Digital Object Identifier 10.1109/TIM.2003.810011  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(545 KB) [IEEE JNL](#)  
[Rights and Permissions](#)
- 
- ☐ **33. Programmable microshutter arrays for the JWST NIRSpec: optical performance**  
Kutyrev, A.S.; Arendt, R.; Moseley, S.H.; Boucarut, R.A.; Hadjimichael, T.; Jhavalva, M.; King, T.; Li, M. J.; Loughlin, J.; Rapchun, D.; Schwinger, D.S.; Silverberg, R.F.;  
[Selected Topics in Quantum Electronics, IEEE Journal of](#)  
Volume 10, [Issue 3](#), May-June 2004 Page(s):652 - 661  
Digital Object Identifier 10.1109/JSTQE.2004.830614  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(568 KB) [IEEE JNL](#)  
[Rights and Permissions](#)
- 
- ☐ **34. Monolithic integration of an infrared photon detector with a MEMS-based tunable filter**  
Musca, C.A.; Antoszewski, J.; Winchester, K.J.; Keating, A.J.; Nguyen, T.; Silva, K.K.M.B.D.; Dell, J.M.;  
Faraone, L.; Mitra, P.; Beck, J.D.; Skokan, M.R.; Robinson, J.E.;  
[Electron Device Letters, IEEE](#)  
Volume 26, [Issue 12](#), Dec. 2005 Page(s):888 - 890  
Digital Object Identifier 10.1109/LED.2005.859651  
[AbstractPlus](#) | Full Text: [PDF](#)(200 KB) [IEEE JNL](#)  
[Rights and Permissions](#)
- 
- ☐ **35. FT-IR spectroscopical detection of some molecular structures in soil microorganisms**  
Filip, Z.K.; Demnerova, K.; Hermann, S.;  
[Bio Micro and Nanosystems Conference, 2006, BMN '06](#)  
15-18 Jan. 2006 Page(s):80 - 80  
Digital Object Identifier 10.1109/BMN.2006.330884  
[AbstractPlus](#) | Full Text: [PDF](#)(109 KB) [IEEE CNF](#)  
[Rights and Permissions](#)
- 
- ☐ **36. Phonon Polariton Reflectance Spectra in a Silicon Carbide Membrane Hole Array**  
Provine, J.; Catrysse, P.B.; Roper, C.S.; Maboudian, R.; Shanhui Fan; Howe, R.T.;  
[Lasers and Electro-Optics Society, 2007, LEOS 2007, The 20th Annual Meeting of the IEEE](#)  
21-25 Oct. 2007 Page(s):466 - 467  
Digital Object Identifier 10.1109/LEOS.2007.4382481  
[AbstractPlus](#) | Full Text: [PDF](#)(1144 KB) [IEEE CNF](#)  
[Rights and Permissions](#)

- ☐ **37. Proceedings of the 22nd IEEE/NPSS Symposium on Fusion Engineering - SOFE 07**  
[Fusion Engineering, 2007, SOFE 2007, 2007 IEEE 22nd Symposium on](#)  
 17-21 June 2007 Page(s):nil1 - nil1  
 Digital Object Identifier 10.1109/FUSION.2007.4337856  
[AbstractPlus](#) | Full Text: [PDF](#)(65 KB) [IEEE CNF](#)  
[Rights and Permissions](#)
- 
- ☐ **38. Design study of micromachined thermal emitters for NDIR gas sensing in the 9-12  $\mu$ m wavelength range**  
 Cozzani, E.; Summonte, C.; Belsito, L.; Cardinali, G.C.; Roncaglia, A.;  
[Sensors, 2007, IEEE](#)  
 28-31 Oct. 2007 Page(s):181 - 184  
 Digital Object Identifier 10.1109/ICSENS.2007.4388366  
[AbstractPlus](#) | Full Text: [PDF](#)(608 KB) [IEEE CNF](#)  
[Rights and Permissions](#)
- 
- ☐ **39. Thermal analysis of RF-MEMS switches for power handling front-end**  
 Cocchetti, F.; Ducarouge, B.; Scheid, E.; Dubuc, D.; Grenier, K.; Plana, R.;  
[Gallium Arsenide and Other Semiconductor Application Symposium, 2005, EGAAS 2005, European](#)  
 3-4 Oct. 2005 Page(s):513 - 516  
[AbstractPlus](#) | Full Text: [PDF](#)(316 KB) [IEEE CNF](#)  
[Rights and Permissions](#)
- 
- ☐ **40. Thermal analysis of RF-MEMS switches for power handling front-end**  
 Cocchetti, F.; Ducarouge, B.; Scheid, E.; Dubuc, D.; Grenier, K.; Plana, R.;  
[Microwave Conference, 2005, European](#)  
 Volume 3, 4-6 Oct. 2005 Page(s):4 pp.  
 Digital Object Identifier 10.1109/EUMC.2005.1610225  
[AbstractPlus](#) | Full Text: [PDF](#)(312 KB) [IEEE CNF](#)  
[Rights and Permissions](#)
- 
- ☐ **41. A MEMS mid-infrared thermal source for NDIR gas analyzers**  
 Xinming, Ji.; Feidie Wu; Haifen Xie; Zhou Jia; Zongming Bao; Yiping Huang;  
[Solid-State and Integrated Circuits Technology, 2004, Proceedings, 7th International Conference on](#)  
 Volume 3, 18-21 Oct. 2004 Page(s):1731 - 1734 vol.3  
 Digital Object Identifier 10.1109/ICSICT.2004.1435167  
[AbstractPlus](#) | Full Text: [PDF](#)(183 KB) [IEEE CNF](#)  
[Rights and Permissions](#)
- 
- ☐ **42. A CMOS compatible active thermopile with high frequency measurement**  
 Chih-Hsiung Shen; Wei-Feng Chen; Shih-Han Yu;  
[Instrumentation and Measurement Technology Conference, 2004, IMTC 04, Proceedings of the 21st](#)  
[IEEE](#)  
 Volume 1, 18-20 May 2004 Page(s):457 - 461 Vol.1  
 Digital Object Identifier 10.1109/IMTC.2004.1351087  
[AbstractPlus](#) | Full Text: [PDF](#)(430 KB) [IEEE CNF](#)  
[Rights and Permissions](#)
- 
- ☐ **43. High-frequency thin-film multijunction thermal converter on a quartz crystal chip**  
 Scarioni, L.; Klonz, M.; Laiz, H.; Kampik, M.;  
[Precision Electromagnetic Measurements, 2002, Conference Digest 2002 Conference on](#)  
 16-21 June 2002 Page(s):110 - 111  
 Digital Object Identifier 10.1109/CPME.2002.1034744  
[AbstractPlus](#) | Full Text: [PDF](#)(248 KB) [IEEE CNF](#)  
[Rights and Permissions](#)

- ☐ **44. Current applications and new trends in mid-infrared sensor technology and integrated scanning probe sensors**  
 Mizaikoff, B.; Kranz, C.; Hvozda, L.; Janotta, M.;  
[Sensor for Industry 2001. Proceedings of the First ISA/IEEE Conference](#)  
 5-7 Nov. 2001 Page(s):208 - 213  
 Digital Object Identifier 10.1109/SFICON.2001.968531  
[AbstractPlus](#) | Full Text: [PDF](#)(497 KB) IEEE CNF  
[Rights and Permissions](#)
- 
- ☐ **45. Computerized thermography based diagnosis in perinatology**  
 Grecki, M.; Florczak, A.; Olszewski, A.; Napieralski, A.;  
[CAD Systems in Microelectronics, 2001. CADSM 2001. Proceedings of the 6th International Conference. The Experience of Designing and Application of](#)  
 12-17 Feb. 2001 Page(s):269 - 272  
 Digital Object Identifier 10.1109/CADSM.2001.975835  
[AbstractPlus](#) | Full Text: [PDF](#)(642 KB) IEEE CNF  
[Rights and Permissions](#)
- 
- ☐ **46. Fabrication of micromachined infrared thermopile detector using novel front etch process**  
 Zhengyi Xu; Bin Yiong; Yuelin Wang;  
[Solid-State and Integrated-Circuit Technology, 2001. Proceedings, 6th International Conference on](#)  
 Volume 2, 22-25 Oct. 2001 Page(s):797 - 799 vol.2  
[AbstractPlus](#) | Full Text: [PDF](#)(159 KB) IEEE CNF  
[Rights and Permissions](#)
- 
- ☐ **47. Noise sources in microelectromechanical systems**  
 Djuric, Z.;  
[Microelectronics, 2000. Proceedings, 2000 22nd International Conference on](#)  
 Volume 1, 14-17 May 2000 Page(s):85 - 96 vol.1  
 Digital Object Identifier 10.1109/ICMEL.2000.840534  
[AbstractPlus](#) | Full Text: [PDF](#)(1088 KB) IEEE CNF  
[Rights and Permissions](#)
- 
- ☐ **48. Chopperless-operated dielectric bolometer mode of infrared image sensor with ferroelectric BST film using improved operation**  
 Noda, M.; Inoue, K.; Zhu, H.; Xu, H.; Mukaigawa, T.; Okuyama, M.;  
[Applications of Ferroelectrics, 2000. ISAF 2000. Proceedings of the 2000 12th IEEE International Symposium on](#)  
 Volume 2, 21 July-2 Aug. 2000 Page(s):783 - 786 vol. 2  
 Digital Object Identifier 10.1109/ISAF.2000.942436  
[AbstractPlus](#) | Full Text: [PDF](#)(304 KB) IEEE CNF  
[Rights and Permissions](#)
- 
- ☐ **49. A thin film indium gallium arsenide focal plane array for visible and near infrared hyperspectral imaging**  
 Cohen, M.J.; Lange, M.J.; Ettenberg, M.H.; Dixon, P.; Olsen, G.H.;  
[Lasers and Electro-Optics Society 1999 12th Annual Meeting, LEOS '99, IEEE](#)  
 Volume 2, 8-11 Nov. 1999 Page(s):744 - 745 vol.2  
 Digital Object Identifier 10.1109/LEOS.1999.811948  
[AbstractPlus](#) | Full Text: [PDF](#)(160 KB) IEEE CNF  
[Rights and Permissions](#)
- 
- ☐ **50. AC-DC thermal converter with IR-transmissive fiber coupling**  
 Katzmann, F.L.; Klonz, M.;  
[Precision Electromagnetic Measurements Digest, 1998 Conference on](#)  
 6-10 July 1998 Page(s):514 - 515  
 Digital Object Identifier 10.1109/CPEM.1998.700032  
[AbstractPlus](#) | Full Text: [PDF](#)(256 KB) IEEE CNF  
[Rights and Permissions](#)

